

Table S8: RNAi and miRNA components in *Tribolium*, *Drosophila* and *C.elegans*

	<i>Tribolium</i>	<i>Drosophila</i>	<i>C. elegans</i> *	Remarks
<b>dsRBM proteins</b>	R2D2	R2D2	Rde-4	
	C3PO			
	Loquacious	Loquacious		
	Pasha	Pasha		
<b>Dicer</b>	Dicer-1	Dicer-1	Dicer-1	While Tc-Dcr-1 appears orthologous to Dm-Dcr-1, the domain architecture of Tc-Dcr-1 is more similar to that of CeDcr1
	Dicer-2	Dicer-2		
	Drosha	Drosha		
<b>1°Argonaute</b>	Argonaute-1	Argonaute-1	Alg-1 Alg-2	
	Argonaute-2a Argonaute-2b	Argonaute-2	Rde-1 Ergo	
	Argonaute-3	Argonaute 3	Prg-1	
	PIWI	PIWI Aubergine	Prg-2	
<b>2°Argonaute</b>			SAGO-1 SAGO-2 PPW-1 PPW2	
<b>RdRP</b>			Ego-1 RRF-1 RRF-3	
<b>Eri-1 like nuclease</b>			M02B7.2	
			Eri-1	
	Snipper	Snipper		
<b>Sid-1-like</b>	SilA SilB SilC		Y37H2C1 Sid-1 Tag-130	The orthology between the Tc Sil proteins and the Ce Sid like proteins is not resolved

\* *C.elegans* column does not show the whole inventory. Only some representatives are shown.